

Notice of Allowability

Application No.

09/895,185

Examiner

Jerome Grant II

Applicant(s)

ITOH, NAOTSUGU

Art Unit

2626

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/22/2005.
2. ☒ The allowed claim(s) is/are 1-13.
3. ☒ The drawings filed on 02 July 2001 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

JEROME GRANT II
PRIMARY EXAMINER

Reasons for Allowance

1.

Claims 1-3 are allowed for the reason the prior art does not teach or suggest in claimed combination, "... the output signal generated in said bit conversion step is read and output as an address signal, so that a ^{rotation} ~~rotation~~ and/or reversal process to a former image is performed."

Claims 4-6 are allowed for the reason the prior art does not teach or suggest in claimed combination, "... output signal generated by said bit conversion means is read and output as an address signal, so that the rotation and or reversal process to a former image is performed."

Claim 7 is allowed for the reason the prior art does not teach or suggest in claimed combination, "... and the image data written in the memory is read according to addresses of predetermined order, so that a rotation and/or reversal process to a former image is performed."

Art Unit: 2626

Claim 8 is allowed for the reason the prior art does not teach in claimed combination, "... and the image data written in said storage means is read according to addresses of predetermined order, so that a rotation and /or reversal process to a former image is performed."

Claim 9 is allowed for the reason the prior art does not teach or suggest in claimed combination, "... the output signal generated in said bit conversion module is read and output as an address signal, so that a rotation and /or reversal rotation/reversal process to a former image is performed."

Claim 10 is allowed for the reason the prior art does not teach or suggest in claimed combination, "... and by using the output signal generated in said bit conversion module as an address signal, and the image data written in the memory is read according to addresses of predetermined order, so that a rotation and /or reversal process to a former image is performed."

Claim 11 is allowed for the reason the prior art does not teach or suggest in claimed combination, "... the position information of the entire image before the rotation of the reversal where the block image stands is converted into the positional information for the entire image after the image rotation or the image reversal in said image rotation and or reversal processing step, and the

Art Unit: 2626

converted positional information is added to the rotated or reversed block image and output.”


Claim 12 is allowed for the reason the prior art does not teach or suggest in claimed combination, “... the positional information for the entire image before the rotation or the reversal where the image rotation or the image reversal by said image rotation and or reversal processing means, and the converted positional information is added to the rotated or reversed block image and output.”

Claim 13 is allowed for the reason the prior art does not teach or suggest in claimed combination, “... the positional information for the entire image before the rotation or the reversal where the block image stands is converted into the positional information for the entire image after the image rotation or the image reversal in said image rotation and or reversal processing module, and the converted positional information is added to the rotated or reversed block image and output.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Grant II whose telephone number is 571-272-7463. The examiner can normally be reached on Mon.-Thurs. from 9:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A. Williams, can be reached on 571-272-7471. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


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